

The Burden of Tobacco in Douglas County

Population 44,045

The Burden of Tobacco is a collaborative report of the University of Wisconsin Tobacco Surveillance and Evaluation Program, the American Cancer Society, and the Wisconsin Division of Public Health's Tobacco Prevention and Control Program.

Smokers in Wisconsin and Douglas County

| | Wisconsin | | Douglas County | |
|---------------------------------------|--------------|-----------------|----------------|------------------|
| | # of Smokers | Percent Smokers | # of Smokers | Percent Smokers |
| Total Number of Smokers | 1,005,000 | | 5,860 | |
| Adult (18+) ^{1,2} | 920,000 | 22% | 5,250 | 24% [‡] |
| High School Youth ^{3,4} | 66,000 | 21% | 470 | 21% |
| Middle School Youth ^{3,4} | 19,000 | 8% | 140 | 8% |
| Smoking During Pregnancy ⁵ | 10,000 | 14% | 116 | 24% |

Deaths Directly Related to Smoking

| Cause of Death ^{6,7} | Wisconsin | | Douglas County | | |
|--|-----------------------|----------------|-----------------------|----------------|-------------------------------|
| | Average Annual Deaths | Due to Smoking | Average Annual Deaths | Due to Smoking | % Due to Smoking [†] |
| Lung Cancer | 2,760 | 2,208 | 33 | 28 | 84% |
| Other Smoking-Related Cancers | 2,066 | 719 | 21 | 7 | 31% |
| Cardiovascular Disease | 16,412 | 2,342 | 138 | 21 | 15% |
| Respiratory Disease | 3,416 | 1,946 | 30 | 17 | 57% |
| Other Causes (not associated with smoking) | 21,619 | 0 | 221 | 0 | 0% |
| All Causes | 46,273* | 7,215* | 443* | 72* | 16% |

Years of Potential Life Lost

| Cause of death ⁶ | Wisconsin | Douglas County |
|-----------------------------|---------------------|-------------------|
| Smoking-Related Cancers | 43,000 years | 520 years |
| Cardiovascular Disease | 32,000 years | 270 years |
| Respiratory Disease | 21,000 years | 190 years |
| All Causes | 96,000 years | 980 years* |

[‡]Due to small sample sizes the following counties were grouped to establish prevalence estimates: Burnett, Douglas, and Washburn.

[†]May not appear to be exact due to using decimals in the calculations.

*Totals may not add up due to rounding.

Note: Adult prevalence estimates from BRFSS, 2000-04; Youth estimates based on state level YTS, 2004; Maternal smoking estimates from WISH, 2004.

Note: Wisconsin and County Deaths Directly Related to Smoking and Years of Potential Life Lost are based on 2000-2004 mortality data.

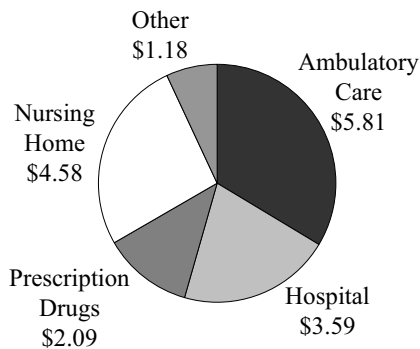
Note: See technical notes for a detailed description of the data sources and methodologies used to construct this report.

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Economic Impact of Cigarette Smoking in Wisconsin and Douglas County

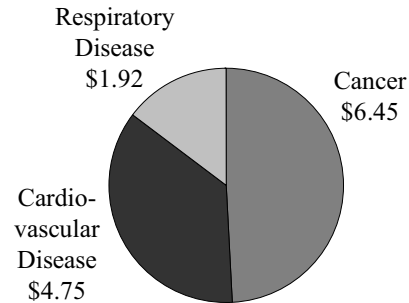
| | Wisconsin | Douglas County |
|-----------------------------------|------------------------|---------------------|
| Health Care Costs ^{6,11} | \$2,160,000,000 | \$17,250,000 |
| Lost Productivity ⁶ | \$1,640,000,000 | \$13,100,000 |
| Total Costs | \$3,800,000,000 | \$30,350,000 |

Smoking Attributable Health Care Costs in Douglas County, 2003^{6,11}
(In millions of dollars)



Total: \$17.3 Million *

Cost of Productivity Lost Due to Smoking in Douglas County, 2001⁶
(In millions of dollars)



Total: \$13.1 Million *

- In Wisconsin, an estimated 7,215 people die annually from illnesses directly related to smoking and approximately 853 die from illnesses and fires indirectly related to smoking, for a total of 8,068 annual deaths.⁶⁻¹⁰
- Secondhand smoke is estimated to cause about 61 lung cancer deaths, 771 deaths from ischemic heart disease, and 9 infant deaths from Sudden Infant Death Syndrome in Wisconsin annually. Household fires in Wisconsin caused by cigarettes kill an estimated 12 people annually.⁸⁻¹⁰
- In Douglas County, approximately 72 die annually of illnesses directly related to smoking.^{6,7}
- Each year, approximately 16% of all deaths in Douglas County are directly attributable to smoking. Cigarette smoking causes 84% of all lung cancer deaths and 15% of all deaths from cardiovascular disease in Douglas County.^{6,7}
- In Wisconsin, approximately 96,000 years were lost from the potential lifespan of those who died of smoking-related illnesses in 2004. In Douglas County, about 980 years are lost annually from the effects of smoking.⁶
- In 2003, an estimated \$2.2 billion in health care costs were paid in Wisconsin as a result of diseases caused by smoking, with \$17.3 million paid in Douglas County.^{6,11}
- Wisconsin lost \$1.6 billion, including \$13.1 million in Douglas County, in productivity costs because of illness and premature death directly associated with smoking in 2001.⁶
- In 2003, estimated health care costs of cigarette smoking were approximately \$390 for every man, woman and child in Douglas County.^{6,11}
- In 2004, there were over 384 million packs of cigarettes sold in Wisconsin. Residents of Douglas County spent approximately \$12.3 million on 3,220,000 packs of cigarettes in 2004.¹²